

ABSTRACT OF THE DISCLOSURE

A human or other status discriminating apparatus includes an ultrasonic vibration detecting sensor comprising a container main body, a liquid packed tightly in the container main body, and an ultrasonic vibrator for transmitting ultrasonic waves into the liquid and receiving ultrasonic waves reflected from the liquid surface, to detect behavior of a subject, an ultrasonic transmission and reception control device including an ultrasonic transmitter/receiver, a signal converter, and a microcomputer, for issuing a transmission signal at specific time intervals to the ultrasonic detecting sensor, receiving a reception signal at specific time intervals from the ultrasonic detecting sensor, and calculating risk associated with the detection object from the change of maximum amplitude of the input reception signal, and a cable for coupling the ultrasonic detecting sensor and ultrasonic transmission and reception control device, and forming an input and output passage of transmission signal and reception signal.